

Electromagnetic Radiation from High Temperature
High Density Plasmas, by A. Eberhagen,
GOSWAT, per, Zeitschrift fur Angew. Phys., Vol
XI, 1966, pp 244-257.
AEC NP-tr-1397

95

Eberhagen

Sci-Phys
Nov 66

313,889

97

Theory and Possible Use of an Instrument for
Determining the Vertical Component of the Gravity
Effect of Topographic Masses, by Oskar Eberhard,
25 pp.

GERMAN, gov, Deutsche Geodetische Kommission.
Series A, Theoretical Geodesy No 52, 1966.
ACIC-TC-1243

Sci/Math & Equip
Jan 68

348,179

49
uravizetny, by P. Nikolai.berhard.
GERMAN, rpt. Deutscher Landeskrieg der Nation
Gedächtnis für die Jahre 1959 bis 1962, Section 5.
1967, pp 41-47.
ACIC R-1361

P. Eberhard

Sci-His Sci
Jun 68

159,687

46
Gravimeter Measurements in 1965 on the
European Gravimeter Calibration Line.
Gravimetric Tie Measurement. Bad Harzburg
to Potsdam, by O. Eberhard.
GERMAN, per. Deutsche Geodetische Kommission
Bei Der Bayerischen Akademie der Wissen-
schaften. Series B. Applied Geodesy, No 152.
1967, 27 pp.
ACIC TC-1438

O. Eberhard

Sol-68
108-68

370,5A2

Theory and Possible Use An Instrument for
Determining the Vertical Component of the
Gravity Effect of Topographic Masses,
by Oskar Eberhard.

78

GERMAN, rpt. Theorie und
Anwendungsmöglichkeiten eines Geräts zur
Bestimmung der Vertikalkomponente der
Schwerkraft von Massenvolumina. Series A,
Theoretical Geodesy-No 52, 25 pp, 1966.
*ACIC TC-1243

Oskar Eberhard

Sci-E. Sci
Jun 67

21

Development Trends and Factors in
Divorces, by Karl-Heinz Eberhardt,
23 pp.
GERMAN, per, Neue Justiz, Berlin,
1 Feb 68, pp. 76-85.
JPRS 44,661

EE (East Germany)
Sociol.
March 68

352,672

Karl-Heinz Eberhardt

Arrangement for Automatic Determination of Helium
and Neon Points, by H. G. Eberle.
J. Res. Nat. Bur. Standards, Sect. A, 1967, 71, 1087.
1967-1968.
NBS-67-11570-145

H. G. EBERLE

ci- et al. 1967
1967

387,150

11
Cooperative Democracy, Voluntary Members Dis-
cussed, by Walter Tinnal, Waldemar Eberle,
15 pp.
GERMAN, per. ~~Information~~, East Berlin, Dec 1969,
pp 13-17.
JPRS 50736

Waldemar Eberle

EE-4 Germany
Econ
Jun 70

52

Titanium Carbide Treatment in the Gaseous Phase,
by G. Lberbach, E. May, 16 pp.
~~GERMAN, rpt. Maschinenbauvereinigung Metallbau-~~
~~wesen i. d. Technik (Berlin). 1st. March. 24-27~~
~~Oct 1967. 24 Oct 1967.~~
AIR/ITD/IT-23-1658-67D 845 115

G. Lberbach
Sci-Tech
Feb 69

373.052

C.E. KINETICS OF THE ANODIC PASSIVATION OF IRON,
Trans. COBALT AND NICKEL - II STUDY OF THE PASSI-
5359 VATION OF NICKEL IN SULPHURIC ACID AND
PERCHLORIC ACID USING A ROTATING DISC ELEC-
TRODE
U. Ebersbach et al.
Electrochimica Acta, Vol. 14, pp. 773-781
(Aug. 1969)
(Materials Suppl. No. 24, abstract MS774)

16
Grain Production Has Short, Long-Term Goals.
by D. Ebert, 9 pp.
GERMAN, per. Feldwirtschaft, Jun 1968, pp 248-250.
JPRS 46,284

D. Ebert

Sci/Agri
Sept 68

365,188

31
Ebert Hails Successes of Moscow Conference,
by Friedrich Ebert, 8 pp.
GERMAN, pos. ~~Horizont~~, East Berlin, No 26,
Jul 1969, pp 8-9.
JPRS 48518

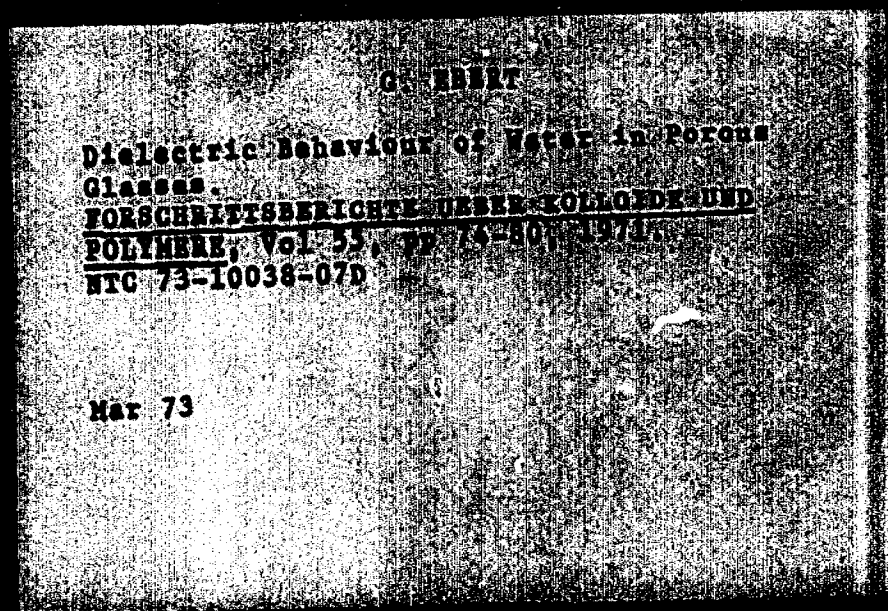
FRIEDRICH EBERT

EE-8 Germany

Pol

Aug 69

389,062



Energy Dependence of the Mean Energy per Ion
Pair at low Electron Energies, by J. Soot,
H. G. Ebert, 10 pp.
GERMAN, per, Biophysik, No 2, 1965, pp 226-231.
AEC/LA-Tr-70-24

74

H. G. Ebert

Sci/Pay
Feb 71

92
behind quality with Austenitic Cr-Mn Steels as
affected by Ferrite Content, by K. A. Ebert.
JERN, for, Schweissen Schneiden, Vol 20, No 2,
1968, pp 64-72.
*13 0048

K. A. Ebert

sci/materials
feb 70

To assure Scientific Progress, by Alfred Wende,
Ludwig ~~E~~Bert.

GERMAN, per, Einheit, No 1, Jan 65, pp 29-38.

JPRS CSO: DC 15026

Alfred Wende

S-530/67

Ludwig Bert

Sci

Mar 67

320,912

To assure Scientific Progress, by Alfred Wende,
Ludwig Ebert,
GERMAN, per, Einheit, No 1, Jan 65, pp 29-38.
JPRS CSO: DC 15026

Ebert

S-530/67

Sci
Mar 67

320,912

Problems of Optimum Blast Furnace Output, by
L. Albert, K. Scheiding.
Soviet, for, Soviet Russia, Vol 13, No 9, 1968,
pp 518-523.
RIM 7163

88

97

Sci/ materials
Sept 69

390,922

R. E. Kent

Problems of Optical Blast Furnace Output, by
P. Ibert, et al. 97
CHOC, per, Auth. Listy, Vol 24, No 2, 1969,
pp 86-92.
*ISI 7483

sci/ materials
set 69

R. E. L. J.

Problems of Optimum Blast Furnace Output, by
R. Ebert, K. Schaidig.
CZERN, per, Huta Listy, Vol 24, No 2, 1969,
pp 86-92.
BISI 7483

99

Sci-Mat
June 70

R. Ebert

102
Problems of Optimum Efficiency of Blast Furnaces,
by R. Ebert, et al.

GERMAN, per, Neue Hutte, Vol 13, No 9, September
1968, pp 518-523.

*ISI 7163

R. Ebert

Sci-Stat
May 69

89
Investigations of Electric Arcs Under Con-
ditions of Weightlessness, by W. Ebert,
GERMAN, per, Beitrage aus der Plasmaphysik,
Vol V, No 5, 1965, pp 371-376. PI00002667
PTD-HT-66-127

W. EBERT

Sci-Phys
Feb 67

318,942

96
Studies of Light Arcs in the Weight-
less State, by W. Ebert,
GERMAN, por, Beitrage Aus Der Plasma
Physik, Vol V, No 5, 1965, pp 371-376 .
*FTD-IT-66-127

W. Ebert

Sci-Phys
Apr 66

Method for Exact Observation of the Compression
Behavior of Rubber- and Epian-Resins for the
Rubber Processing Industry, by U. Ebert. 75

CHROMA, par, ~~CHROMA~~, Vol 16, No 3,
1966, pp 189-192.

Chem Trans Sv 8779

U. Ebert

386,394

Sci - Materials
May 67

Stability Problems of U-boats, by H. Ebner.
GOVERNMENT USE ONLY
GEMAN, for, Schiffstechnik, Vol 14, No 74,
Nov 1967, pp 95-108.
Dept of Navy Navships Trans No 1084

H. Ebner

See Cheryl
Sci-Tech:
Aug 68

365,781

Accuracy Investigation on the Photogrammetric
Determination of Star Coordinates by
Closed Block Adjustment, by H. Ebner,
GOVERNMENT USE ONLY
GERMAN, per. Deutsche Geodatische Kommission,
Series C: Dissertations, Issue No 141, 1969,
91 pp.
ACIC TC-1626

H. Ebner
Sci/Astron & Astrop
Nov 70

Accuracy Investigation on the Photogrammetric
Determination of Star Coordinates by Closed
Block Adjustment, by H. Ebner,

GOVERNMENT USE ONLY

GERMAN, per. Deutsche Geodatische Kommission,
Series C: Dissertations, No. 111, 1969,
91 pages, Verlag der Bayerischen Akademie
der Wissenschaften, Munich.

ACIC-TC-1626

H. Ebner

Sci/Ear Sci
Jan 71

English Title Unknown, by H. Ebner.
GERMAN, per, Schiffstechnik, Vol 74, No 13, 1967,
pp 95-108.
*Dept of Navy/NavShips Trans No 1084

GOVERNMENT USE ONLY
Sci-Mech
Apr 68

Decarburization Free Annealing of Non-Alloy Steels
Below A_{c1} and A_{c3} in a Protective Gas Atmosphere, 78
by P. H. Ebnor

GERMAN, por, Arch. Eisenh., Vol 34, Mar 1963,

pp 167-171

BISI 5557

P.H. Ebnor

Wour

341789

Sci/MICAME

Oct 67

54
Concentration Variations in Isothermal Jets
and in Flames, by L. Ebrahimi.

GERMAN, per, Chem Ing Tech, Vol 40, No 15,
1968, pp 769-771.

NLL Ref 8313.4 (5644)

L. Ebrahimi

Chem
July 69

385-366

84
Measurement and Control Equipment of a High
Pressure Blast Furnace, by A. Wreucht
FRANCE, per, Techn. Mod., Vol 60, Jan 1968,
pp 43-46.
*RISI 6838

Sci-Materials
Feb 69

Boleslav Ecer

Training With Communications Equipment
Described, by Boleslav Ecer, 6 pp.

GOVERNMENT USE ONLY

CZECH, per, Atom, Prague, No 4, 1972,
pp 104-106.

JPRS/L 4146

May 72

Primary Cultures of Embryonic Cells of *Drosophila Melanogaster* (Dipterous Insect), by
Guy Echallier, Annie Chmossian, et al.
FRENCH, per. Compt. Rend. Acad. Sci., Vol 261,
18 Oct 1965, pp 3211-3213. 9233244
ABC ONWL-tr-1253

43

Guy Echallier

Sci/BLM
Aug 66

306,274

79
The Analysis of Steel Drillings by X-Ray
Fluorescence Spectrometry, by S. Echard,
E. Karottz.

GERMAN, rpt., Z. Anal. Chem., Vol 215, 1965,
pp 355-361.
•BIBI 5355

S Echard

Sci - Det
Aug. 67

332,085

28
Cuban Revolution Copes with Youth Problems,
by Alfredo Echarry, 7 pp.
SPANISH, np, ~~Argentin~~ Argentin Echarry, Havana,
12 Oct 1968, p 6.
JPRS 46,968

ALFREDO ECHARRY

LA-Cuba
Pol
Dec 68

370,686

How Does Cuba Treat a Young Counter-
revolutionary Prisoner?, by Alfredo
Echarry.

SPANISH, np, Juventud Rebelde, 14 Nov. 66,
p 8.

JPRS CSO DC 12856

IA-Cuba

Pol

Jan 67

316,533

Public Order Patrol Workers Ensure the
Peoples' Safety, by Alfredo Echarry, 8 pp.
SPANISH, np, Juventud Rebelde, 7 Apr 1966,
p. 10; 8 Apr 1966, p. 10.
JPRS 35914

LA-Cuba
Pol
Jun 66

302,816

Colombia After the Elections, by Felipe
Echavarría, 5 pp.

GOVERNMENT USE ONLY

SPANISH, np, Occidente, 3 June 1966, p. 5,
JPBS GUO 2097

Echavarría, Felipe

LA-Colombia

Pol

Sept 66

309,876

A. G. Echavez

Construction Recommendations, Design
Criteria and Their Application,
by A. G. Echavez.

SPANISH, per, Mexico City. Universidad
Nacional. Instituto de Ingenieria.

Publicaciones, No 226, 1969,

pp 151-161

NTC 72-12099-13M

June 72

Historical Claim to Territorial Waters Advanced, 28
by Andres Echevarria Maurtua, 8 pp.
SPANISH, np. La Prensa, Lima, 29 Mar 1969,
p 13.
JPRS 47970

ANDRES ECHENARRIA MAURTUA

LA-Pera

Pol

May 69

381,624

31

Background, Development of CPUS DEI Analyzed,
by E. Echevarria, 13 pp.
SPANISH, par. ~~Success Data Today~~, Mexico City,
15 Nov 1969, pp 21-23; 22 Nov 1969, pp 34-35;
29 Nov 1969, pp 33-35.
JPRS 49459

E. Echevarria

Inter-Amr Aff
Pol
Jan 70

399,259

The Drilling of the Frances 5 and Fragoos 1 102
Deep Wells, by Gustavo Echevarria and Muslin
Veliev, 9 pp.
SPANISH, per, Revista Tecnologica, Vol V, No. 1,
1967, pp. 49-54.
JPRS 42030

GUSTAVO ECHEVARRIA

LA-Cuba
Sci-Mech, Ind. Engr,
Aug 67

333,477

ECHTERHOFF, H. and MACKOWSKY, M. T. Improved
method of preparing polished specimens.
Brennst. Chem. 50(12):367-8 (1969) (SEC)

Investigations on Improving the Performance on
the Coke Oven, by H. Echterhoff, G. Masha.
GERMAN, per, Brennstoff Chemie, Vol 49, No 12,
1968, pp 364-368.
BISI 7598

75

H. Echterhoff

sci/ materials
nov 69

397,321

Studies aimed at increasing the Productivity of
Coke Ovens, by H. Eichtenhoff, et al.
Central, Ger, Ernststoff-Chemie, Vol 49, No 12,
1968, p. 364-
*GSI 7598

87

H. Eichtenhoff
Sci/ Materials
p. 69

72
Effect of the Ash and Ash Composition of
Coals on Cokability and Coke Properties - II,
by H. Echterhoff et al,
GERMAN, per, Brennstoff-Chemie, Vol 46, No 4,
1965, pp 110-117,
BISI 4398

H. Echterhoff

Sci-M&M
...

72
on the Relationships Between Coal
Characteristics, Coking Conditions
and Coke Quality, by V. G. Sekt,
H. Echterhoff, et al.
Zinn, et. Brennstoff-Chemie, vol 40,
no 1, 1968, pp 48-51.
*3131 4308

H. ECHTERHOFF

1017 4308
311 43

72
The Effect of Very High Coking Rates on the
Properties of Coke, by H. Echterhoff.
GERMANY, per, Brennstoff-Chemie, Vol 49, 1968,
pp 294- 9 pp.
*BISI 7318

sci/materials
junc 69

H Echterhoff

75
The Effect of Very High Coking Rates on the
Properties of Coal, by M. Echterhoff.
GERMAN, per, Brennstoff-Chemie, Vol 49, 1968,
pp 294-302.
BISI 7318

Sci-Mat
Jul 70

M. ECHTERHOFF

B. E. Ertmer

Radiation Field of a Quantized Current, by
J. Kuperman and B. Ertmer.

Quantum, part, Journal der Physik, Series 7, Vol 24,
1969, pp 77-81.

HTC 71-1399-20J

Feb 72

Development of Agriculture in the Socialist Countries,
by G. Eck, 11 pp.

HUNGARIAN, np, Radio Kossuth, 6 April 1965.

RFE

Hungarian Press Survey

No 1590, 9 Apr 1965

EEur - Hungary

Econ

Nov 65

292,969

LIEBISCH, G. and ECKARDT, H. Separation of the arom
hydrocarbons of a neutral oil. Pt. 1.
Z.Chem. 6(10):377-8 (1966) (CRL/D. 992)

B. Eckert

Turbocompressors, by B. Eckert.
GERMAN, par, VII - Zeitschrift, Vol 111, 1969,
pp 841-849.
NTC 71-14215-01A

Feb 72

ECKERT, J. Physiology of invasive larvae of
Trichostrongylidae.
Z. ParasitKde 29:209-41 (1967) (CSIRO/No. 9895)

126
Loss-Factor Meters Type 1033 and 1034 and Their
Applicability, by K. Eckert. 11 pp.

GERMAN, per, Hechrichtentechnik, No 2, 1966,
pp 75-77.

AIR/PTD/HT-23-180-70

K. Eckert

Sci-Nav

June 70

Contribution to the Spectrometric Analysis of
Metal Chips. 1 - Determination of Manganese and
Silicon in Brigettes Formed From Steel Chips.
2 - Improvement in the Chip Brigetting Method by
High Compacting Processes, by S. Eckhard.
CHEMAB, par, Z. Analyt. Chem. Vol 208, Nos 4 and
6, 1965, pp 541-547; 551-557.
DESI 5030

S. Eckhard

314,538

Sci - Materials
Jan 67

A Demonstrable Impulse Tube for the Nanosecond
Technique, by A. Eckardt, R. Prager. 7 pp. 121
GERMAN, per. Experimentelle Technik der Physik,
No 6, 1965, pp 475-480.

ACSI J-2624

ID 2204023567

A. Eckardt

Sci/Physics

Aug 67

336,648

Demountable Pulse-Generator Tube for Nano-
second Technology, by A. Eckardt, R. Prager, 110
GERMAN, per, Experimentelle Technik Der
Physik, No 6, 1965, pp 475-480.

WASI J-2624

ID 2204023567

Sci-Nucl Sci

May 67

66
The Analysis of Steel Melting by X-Ray
Fluorescence Spectroscopy, by S. Eckhard,
R. Muehle.

STEEL, part, 2, Appl. Chem., No 215, 1965,
pp 397-401.

INDEX 5395

S. Eckhard

Sci - Behavioral and Social Sciences
Feb 67

19
Problems of the Management of Research
and Technology in the East German Coal
Industry, by Dr Wolfgang Eckelmann, 11 pp.
GERMAN, per, Bergbautechnik, No 8, Aug
1965, pp 391-396.
JPRS 32331

ECKELMANN

FE - Germany

Econ

Oct 65

290,408

77
Dropping a Normal to the Ellipsoid, by
E. Ecker.

GERMAN, per, Osterreichische Zeit fur Vermessungs-
wesen, Vol 55, No 3, June 1967, pp 82-85.

ACIC-TC-1521

E. ECKER

Sci-Ear Sci
Aug 69

390,078

The Exterior Gravity Field of the Level
Sphere and Interior Mass Distributions,
by E. Ecker,
GOVERNMENT USE ONLY
GERMAN, per. Zeitschrift fur Vermessungswesen,
Vol 94, No 2, pp 47-53, 1969.
ACIC-TC-1658

Sci/Ear Sci
Jan 71

E. Ecker

Spherical Integral Formulas in Geodesy, by
Erhart Ecker, 65 pp,
GOVERNMENT USE ONLY
GERMAN, Deutsche Geodatische Kommission bei
der Bayerischen Akademie der Wissenschaften,
Series C: Disseratations, Issue 142, 1969,
ACIC-TC-1637

Erhart Ecker

The Chemical Statistics of Drinking Water in
Probability Graphs, by G. Eckardt. 73
GERMAN, per, Werkstoff und Korrosion, Vol XVII,
1966, pp 490,
Chem Trans Sv No 2977

G. Eckardt

Sci-Chem
Mar 67

322,100

Does the Gas-Turbine Powered Auto-
mobile Have a Future?, by B. Eckert.
GERMAN, per. Automobiltechnische
Zeitschrift, Vol 69, No 9, 1967,
pp. 300-7.
NTC 69-11642-13F

B. Eckert

Sci-Mech
July 69

386,695

102
Have Automobile Gas Turbines a
Chance?, by B. Eckert.
GERMAN. per, Automobiltechnische
Zeitschrift, Vol 69, No 10,
1967.
NTC 69-11644-13F

B. Eckert

Sci-Mech
July 69

386,696

Chance Events, Pile-up and Summations in a / 30
Fast-slow Coincidence, by H. Lange, H.G. Eckert.
GERMAN, per, Nucl. Instrum. Methods, Vol 43,
11 Aug 1966, pp 341-348. PF11851567
ABC AXI-tr-414

H. G. Eckert

Sci/Nuclear Sci
Mar 67

316,346

Studies Concerning the Metabolism of Urea in
Microorganisms 7: Dependence of the Specific
Activity of Ornithine-cycle Enzymes and Urease
on the Culture Period and a Source, by
L. Eckert, H. Eising. 28 pp.

GOVERNMENT USE ONLY

GERMAN, per, Arch Microbiol, Vol 64, 1968,
pp 173-202.

NASA TT F-12,348

Sci-BEH
Nov 69

L Eckert

395,947

A New Simple Table for Calculating Blood Volume
and Extracellular Space, by P. Eckert. 11 pp.

GOVERNMENT USE ONLY

GERMAN, per, Chirurg, Vol 40, No 4, 1969,
pp 169-171.

NASA TT F-12,510

P. Eckert

Sci-3AM
Nov 69

396,648

Contributions to the Spectrometric Analysis
of Briquetted Samples Made of Steel Chips
I - Determination of Manganese and Silicon
in Compacts of Steel Chips II - Improve-
ment in the Compacting Method of Chips by
High Compacting Pressure, by S. Eckhard,
GERMAN, For. Z. Anal. Chem., Vol 208, 1965,
pp 241-247 I, pp 401-408 II.
*BISI 5050

72

S. Eckhard

Sci-MG
Aug 66

308,783

108
Rapid Radiochemical Separations by Ion-Exchange and
Ion Exchange on Functional Polymers, by W.
Eckhardt, G. Neumann, K. D. Schuster.
CHEM, rev, J. Am. Chem. Soc., Vol. 86,
No. 1, 1964, pp. 1-11.
*NSC 2109

W. Eckhardt

Sci - Nuclear Science

52
Rapid Radiochemical Separations by Isotope
Exchange and Ion Exchange on Pre-Formed
Precipitates, by W. Eckhardt.

GERMAN, par. Zeit. Anal. Chem., Vol 226,
No 1, 1967, pp 71-88.
NLI Ref: 5828.4F (12897)

W. ECKHARDT

Sci-Chem
Jan 69

373,605

The Profit Automated Drafting System, by
D. Eckhart, 5 pages,
GOVERNMENT USE ONLY
DUTCH, per. Geografisch Tijdschrift, New
Series, Vol II, October 1968, pp 480-483.
ACIC-TC-1669

D. Eckhart

Sci/Mech
Jan 71

76
Economic Plant Management with the Aid of
Standard Cost Accounting, by H. Scheller,
H. G. Eckhold,
GERMAN, per, Stahl Eisen, Vol 66, Jan. 13,
1966, pp 8-10.
AISI 4788

H G. Eckhold

Sci-N&H
Jul 66

106,408

Contribution to the Problems of Solidification 75
in the Water-cooled Crystallizer, by
H. J. Eckstein, H.J. Spies.
GERMAN, per, Freiberger Forschungs, No.(B.137)
1968, pp 101-114.
BISI 7501

H. J. Eckstein

sci/ material
nov 69

397,319

Investigation on the Acceleration of Nitriding in
the Gas Phase, by H. -J. Eckstein and W. Lerche.
GERMAN, per, Neue Hütte, Vol 13, Apr 1968,
pp 210-215.
BISI 7062

H. -J. Eckstein

Sci/Materials

The Effect of Ingot Solidification on the
Properties of High-Speed Steel, by 74
H. Fiedler, H.-J. Eckstein.
GERMAN, per, Neue Hutte, Vol 13, No 5,
1968, pp 268-278.
HB 7585

H.-J. Eckstein

Sci-Mat
June 69

383,290

Continuous Casting Plants for Copper in Operation, 97
by Hans Eckstein, 9 pp.
GERMAN, par. Hans Eckstein, Leipzig, Jul 1969,
pp 385-389.
JWS 48771

Hans Eckstein

Sci-Tech
Sept 69

392,303